

Title (en)

SYNTHESIS METHODS FOR UPADACITINIB AND INTERMEDIATE THEREOF

Title (de)

SYNTHESEVERFAHREN FÜR UPADACITINIB UND ZWISCHENPRODUKT DAVON

Title (fr)

PROCÉDÉS DE SYNTHÈSE DE L'UPADACITINIB ET D'UN INTERMÉDIAIRE DE CELUI-CI

Publication

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Application

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Abstract (en)

The present invention relates to a JAK inhibitor upadacitinib intermediate and a preparation method therefor, and to a preparation method for a JAK inhibitor upadacitinib. The upadacitinib intermediate of the present application is as shown in Formula (II) or Formula (III), wherein, R is a protective group of nitrogen atoms, and R₁ is an open-chain or cyclic amine group. Compared with the prior art, the method for the synthesis of upadacitinib of the present application, under the premise of ensuring the yield, significantly reduces cost, is environmentally-friendly, and improves the quality of the final product.

IPC 8 full level

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